

水 利 水 运 工 程 学 报

(双月刊)

2019年12月

第6期(总第178期)

目 次

- 关于智慧水利的认识与思考 张建云,刘九夫,金君良(1)
- 水电站厂房组合框架结构静动态服役性态分析研究进展 胡少伟,叶宇霄,喻江,王宇航,孙岳阳(8)
- 混凝土结构内锈蚀钢筋的疲劳研究综述 张军,金伟良,张凯,毛江鸿,李强(22)
- 黄河无定河流域“2017.7.26”洪水泥沙来源辨析 余欣,侯素珍,李勇,史学建(31)
- 基于全偏确定度的区域水资源承载力动态评价
..... 金菊良,沈时兴,张浩宇,陈梦璐,陈雅静,张火链,许兴寒(38)
- 水资源空间均衡理论应用规则和量化方法 左其亭,韩春辉,马军霞(50)
- 珊瑚岛礁护岸对礁坪上极端波浪传播特性的影响 陈松贵,郑金海,王泽明,陈汉宝,张弛(59)
- 波流作用下淹没圆柱局部冲深影响因素分析 程永舟,吕行,王文森,黄筱云,夏波(69)
- 钱塘江涌潮对风场响应的三维数值研究 潘存鸿,汪求顺,潘冬子(77)
- 感潮河段航道整治设计理论与方法探讨 张幸农,夏云峰,曹民雄(86)
- 含砾土坡坡面降雨和坡脚浸泡模型试验研究 周成,王一冰,王涵,谭昌明(96)
- 考虑坝体-地基接触效应的特高心墙堆石坝结构安全性研究 李国英,韩朝军,魏匡民,米占宽(107)
- 地基液化离心机试验的数值分析及验证 邹德高,滕晓威,刘京茂,王峰,刘鑫(116)
- 基于BP神经网络的丁坝坝头冲刷坑变化趋势预测 陈一梅,范丽婵,李鑫(125)
- 水资源利用效率频谱分析方法及应用 刘家宏,邵薇薇,王浩,李元菲,李维佳(132)
- 城市洪涝灾情评估与风险管理初探 王远坤,王栋,黄国如,马建威(139)

HYDRO-SCIENCE AND ENGINEERING

(Bimonthly)

Dec. 2019

No. 6 (Total No. 178)

CONTENTS

- Understanding and thinking of smart water conservancy.....*ZHANG Jianyun, LIU Jiufu, JIN Junliang*(1)
- Research progress of static and dynamic behavior analysis of composite frame structure of hydropower plant
..... *HU Shaowei, YE Yuxiao, YU Jiang, WANG Yuhang, SUN Yueyang*(8)
- A review on fatigue research of corroded reinforcing steel bars inside reinforced concrete structures
..... *ZHANG Jun, JIN Weiliang, ZHANG Kai, MAO Jianghong, LI Qiang*(22)
- Identifying sediment sources in Wudinghe River during “7.26” flood in 2017
..... *YU Xin, HOU Suzhen, LI Yong, SHI Xuejian*(31)
- Dynamic evaluation of regional water resources carrying capacity based on full partial certainty degree
..... *JIN Juliang, SHEN Shixing, ZHANG Haoyu, CHEN Menglu, CHEN Yajing, ZHANG Huolian, XU Xinghan*(38)
- Application rules and quantification methods of water resources spatial equilibrium theory
..... *ZUO Qiting, HAN Chunhui, MA Junxia*(50)
- Experimental study on impact of revetments on extreme wave propagation characteristics on coral reefs
..... *CHEN Songgui, ZHENG Jinhai, WANG Zeming, CHEN Hanbao, ZHANG Chi*(59)
- Research on the influencing factors of scour depth around submerged cylinder under combined action of wave and current..... *CHENG Yongzhou, LÜ Xing, WANG Wensen, HUANG Xiaoyun, XIA Bo*(69)
- Three-dimensional numerical study on the Qiantang River tidal bore under winds
..... *PAN Cunhong, WANG Qiushun, PAN Dongzi*(77)
- Study on design theory and method of waterway regulation in tidal river
..... *ZHANG Xingnong, XIA Yunfeng, CAO Minxiong*(86)
- Model tests of gravel soil slope under rainfall and slope toe immersion
..... *ZHOU Cheng, WANG Yibing, WANG Han, TAN Changming*(96)
- Study on safety of a high earth-core rockfill dam considering contact effect between dam and foundation
..... *LI Guoying, HAN Chaojun, WEI Kuangmin, MI Zhankuan*(107)
- Numerical analysis of a liquefiable slope ground and its centrifuge model test verification
..... *ZOU Degao, TENG Xiaowei, LIU Jingmao, WANG Feng, LIU Xin*(116)
- Prediction of the change trends of the scour near the head of the spur dike based on BP neural network
..... *CHEN Yimei, FAN Lichan, LI Xin*(125)
- Spectrum analysis method for assessing water use efficiency
..... *LIU Jiahong, SHAO Weiwei, WANG Hao, LI Yuanfei, LI Weijia*(132)
- Urban flood disaster assessment and risk management
..... *WANG Yuankun, WANG Dong, HUANG Guoru, MA Jianwei*(139)